EPA COMMENTS — 5/9/2014
DRAFT DISSOLVED OXYGEN MONITORING PROGRAM DATA REPORT FOR THE LOWER PASSAIC RIVER STUDY AREA:
SUMMER AND FALL 2012
DATED SEPTEMBER 3, 2013

No.	Page No.	Specific Comments
1	Page 3, Second paragraph, First sentence	Please revise the opening sentence to indicate that the study was initiated mid-summer and extended into the late fall. This revision will aide in showing a relationship between temperature and DO levels.
2	Page 3, Second paragraph, Last sentence	Please reword this sentence for clarity. Suggest revising to read "Freshwater input was expected to be relatively low (USGS 2012), water temperatures were expected to be relatively high (USGS 2012), and sediment oxygen demand low, all of which may result in depressed water column DO."
3	Page 9, First paragraph, First sentence	Please insert the word "data" after salinity.
4	Page 9, First paragraph, Second sentence	The text states that the DO data does not clearly indicate a diurnal pattern for monitoring stations in the LPRSA. After review of Appendix C such a pattern is visible in the figures for locations below Dundee Dam. Please clarify how such a conclusion was drawn or revise the text accordingly.
5	Page 19, Second to last sentence	Please insert the word "upper" before "freshwater". The sentence should read DO concentrations in the lower and upper freshwater zones….."
6	Page 19, Figure 3-3	It is unclear as to why "Increasing Salinity" appears in this figure. Please provide rationale in the supporting text or delete.
7	Page 20, Third sentence	The following statement is made "…DO concentrations spiked and then decreased in the estuarine and transitional zone stations." Review of the supporting figures indicate a spike in DO levels, but nothing out of the norm especially for transitional zone stations where similar spikes were noted three times prior to Hurricane Sandy. What might be more noteworthy is the dramatic decrease in DO levels after the storm.
8	Page 20, Last two sentences	The figures referenced are incorrectly numbered. Please revise the text.